



SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wichmann, Gunter Attorney Docket: 2827/101
Serial No: 10/664,047 Art Group Unit: 2821
Date Filed: September 16, 2003 Examiner Name: N/A
Invention: Non-Intrusive Inspection Impulse Radar Antenna

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue Date	Inventor	Class/Subclass
JS	AA	US 5,523,760	June 4, 1996	McEwan	342/89
JS	AB	US 6,445,334	Sep. 3, 2002	Bradley et al.	342/22

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patentee or Applicant	Class/Subclass
JS	AC	DE	33 16 937	April 25, 1996	Wichmann, G.	—
JS	AD	DE	42 34 559	March 5, 1994	Wichmann, G.	—

OTHER DOCUMENTS			
Examiner Initials	Ref. No.	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
JS	AE	—	Tektronix, "Sampling Oscilloscope Techniques", October, 1989.
JS	AF	Whitely et al.	"50 GHz Sampler Hybrid Utilizing A Small Shockline and An Internal SRD" <i>IEEE MTT-S Digest</i> , pp. 895-898, Copyright 1991.
JS	AG	Wichmann, G.	"Research and Development on the Field of Mine Detection", European Research Office of the U.S. Army, October, 1996.
JS	AH	—	Æther Wire & Location, Inc. , "The Origins of Ultra-Wideband Technology", May, 1998.
JS	AI	Tantum et al.	"ATR Algorithm Performance for the BRTC Wichmann Ground Penetrating Radar System", Department of Electrical and Computer Engineering, Duke University, UXO Forum '99 Proceedings.
JS	AJ	Daniels, D.	"An Overview of RF Sensors for Mine Detection: Part 3 Radar", ERA Technology Ltd., 1999.

✓	AK	Andrews et al.	"Research On Ground-Penetrating Radar for Detection of Mines and Unexploded Ordnance: Current Status and Research Strategy", Institute for Defense Analyses, December, 1999.
✓	AL	—	Celia Home Page, Case Study- Resistive Vee Dipole Mine Detection,
✓	AM	Montoya et al.	"Land Mine Detection Using a Ground-Penetrating Radar Based on Resistively Loaded Vee Dipoles", , IEEE Transactions on Antennas and Propagation, Vol. 47, No. 12, December 1999.
✓	AN	Schukin et al.	"Evolution of GPR Antennas, Pulse Generators and Sample Recorders", www.irctr.tudelft.nl/gpr/PDF/Publications/2000/gpr2000_p3_2.PDF
✓	AO	Sachs et al.	"Ultra-Wideband Principles for Surface Penetrating Radar", <i>Ultra-Wideband, Short-pulse Electromagnetics 5</i> , 31. May- 2. June 2000.
✓	AP	Fontana et al.	"An Ultra Wideband Radar for Micro Air Vehicle Applications", IEEE Conference on Ultra Wideband Systems and Technologies, May 2002.
✓	AQ	Noon et al.	"Subsurface Remote Sensing" in "The Review of Radio Science", 1999-2002, IEEE Press (2002).
✓	AR	—	"Subsurface Sensing Lab: Single Chip Sequential Sampling Receiver", University of Houston, December 9, 2002.
✓	AS	—	"Subsurface Sensing Lab", University of Houston, March 11, 2003.
✓	AT	—	"Low-Power, Miniature, Distributed Position Location and Communication Devices Using Ultra-Wideband, Nonsinusoidal Communication Technology", Æther Wire Location, Inc., 2003.

Examiner Signature: _____

Date Considered: _____

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.